

Product datasheet for **AP01121PU-N**

FGF17 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hFGF-17 (1.5 ng/ml), a concentration of 0.020 - 0.035 µg/ml of this antibody is required. ELISA: Indirect: To detect hFGF-17 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hFGF-17. Sandwich: To detect hFGF-17 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml is required. This In conjunction with Biotinylated Anti-Human FGF-17 as a detection antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hFGF-17. Western Blot: To detect hFGF-17 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hFGF-17 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98 %) recombinant human FGF-17
Specificity:	This antibody detects Fibroblast Growth Factor 17.
Formulation:	PBS, pH 7.2 State: Aff - Purified State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C. Avoid repeated freezing and thawing.



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Stability:	Shelf life: One year from despatch.
Gene Name:	fibroblast growth factor 17
Database Link:	Entrez Gene 8822 Human O60258
Background:	FGF17 belongs to the heparin-binding growth factors family. It may be a signaling molecule in the induction and patterning of the embryonic brain and is preferentially expressed in the embryonic brain. There are two named isoforms.
Synonyms:	Fibroblast growth factor 17, FGF-17